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Attorney Docket No.: 015389-002970US
Client Reference No.: 018/182C

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on 00x 6,2003

TOWNSEND and TOWNSEND and CREW LLP

Nicole M. Wartell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Cech et al.

Application No.: 10/054,611

Filed: January 18, 2002

For: NOVEL TELOMERASE

Examiner:

Art Unit: 1646

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references listed on the attached forms can be found in Application No. 09/843,676, filed April 26, 2001 (Attorney Docket No. 015389-002943US), an application to which the present application claims priority. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Cech et al.

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As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the

information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses

all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the

undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit

any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

**PATENT** 

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SLA:nmb 60037999 v1 Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

	Complete if Known	)
Application Number	10/054,611	
Filing Date	January 18, 2002	
First Named Inventor	Cech	
Art Unit	1646	
Examiner Name		
Attorney Docket Number	015389-002970US	

	U.S. PATENT DOCUMENTS+						
		Document Number					
Examiner Initials*	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	A1	US-5,597,697	01-28-1997	Diamond			
	A2	US-5,917,025	06-29-1999	Collins			
	A3	US-5,919,656	07-06-1999	Harrington, et al.			
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	A5	US-6,309,867 B1	10-30-2001	Cech et al.	ŀ		
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	A9	US-6,617,110 B1	09-09-2003	Cech et al.			

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Examiner	Cite	For	eign Patent Docun	nent	B. Hillian B. G.	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T <sup>8</sup>
	B1	GB	2 317 891	Α	04-08-1998			
	B2	PCT	WO 84/03564	A1	09-13-1984			
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	B6	PCT	WO 99/33998	A2	07-08-1999			
	B7	PCT	WO 99/38964	A2	08-05-1999			
	B8	PCT	WO 00/46355	A2	08-10-2000			

Examiner Signature	Date Considered	

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Sheet of 4 2

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	0.11	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	
Examiner Initials *	Cite No. <sup>1</sup>	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
	C1	ADAMSON, D. et al. "Significant Telomere Shortening in Childhood Leukemia", Cancer Genet. Cytogenet, 1992; pp. 204-206, Vol. 61	
	C2	CHIU, et al. "Replicative senescence and cell immortality: the role of telomeres and telomerase (44075)", <i>Proc. Soc. Exp. Bio. Med.</i> , 1997, pp. 99-106, Vol. 214.	
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	C4	COUNTER, C. et al. "Telomerase activity in human ovarian carcinoma"; <i>Proc. Natl. Acad. Sci USA</i> ; April 1994; Vol. 91; pp. 2900-2904	
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	C7	DE LANGE, T. et al. "Structure and Variability of Human Chromosome Ends"; <i>Molecular and Cellular Biology;</i> February 1990; pp. 518-527, Vol. 10, No. 2.	
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	C12	Genbank Accession No. Q06163; November 01, 1995	
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	C16	GLASER, P. et al. "Bacillus subtilis genome project: cloning and sequencing of the 97 kb region from 325° to 333°" <i>Molecular Microbiology</i> , 1993, pp. 371-384, Vol. 10, No. 2.	
	C17	GOODMAN, R. et al. "Gene Transfer in Crop Improvement", Science, 3 April 1997, pp. 48-54, Vol. 236.	

Examiner	Date	
Signature	Considered	

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Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (08-03)

Substitute for form 1449B/PTO Complete if Known Application Number 10/054,611 INFORMATION DISCLOSUMEN Filing Date January 18, 2002 STATEMENT BY APPLICANT First Named Inventor Cech Art Unit 1646 (use as many sheets as necessary) Examiner Name of 4 Sheet | 3 Attorney Docket Number 015389-002970US

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>				
	C18	GREIDER, C. "Telomeres, Telomerase and Senescence"; <i>BioEssays</i> ; 1990; pp. 363-369, Vol. 12, No. 8.					
	C19	HARLEY, C. "Telomere loss: Mitotic clock or genetic time bomb?" <i>Mutation Research</i> ; 1991; pp. 271-282, Vol. 256, Elsevier Science Publishers.					
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	C21	HARLEY, C. et al. "Telomeres shorten during ageing of human fibroblasts", <i>Nature</i> , 31 May 1990; pp. 458-460, Vol. 345.					
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	C33	Linking telomerase and tumors; Genesis Report- Dx; 1995; Vol. 4, No. 6; Publisher Genesis Group Associates					
	C34	MALICKI, J. et al. "A human <i>HOX4B</i> regulatory element provides head-specific expression in <i>Drosophila</i> embryos", Nature, 23 July 1992, pp. 345-357, Vol. 358.					

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PTO/SB/08B (08-03)

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## Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	C35	NATARAJAN et al. "Major histocompatibility complex determinants select T-cell receptor alpha chain variable region dominance in a peptide-specific response." <i>Proc. Natl. Acad. Sci.</i> , Oct 1992, pp. 8874-8878, Vol. 19.	
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Examiner Signature	Date Considered	
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